

Claims

Claim 1

A software generation method comprising:

a first step for making a statement (defining) a user requirement to be mounted as one program by a word name, a definition equation, conditions for executing the definition equation, input/output attributes, and an attribute of a value of a word for every logical unit and for every word of the logical unit;

a second step for preparing, from said statement of the word unit, a signification vector ( $L_2$ ,  $L_3$ ,  $L_4$ ) and an action vector ( $I_2$ ,  $O_4$ ,  $S_4$ ) formed into a module as a process cell comprising an input/output channel by Lyee-calculus;

a third step for assembling said signification vector and said action vector into a set having set conditions that an interaction is caused by a command from an identical screen;

a fourth step for disposing one control function module  $\Phi$  for every set; and

a fifth step for disposing a control function module  $\Psi$  being one for every said program.